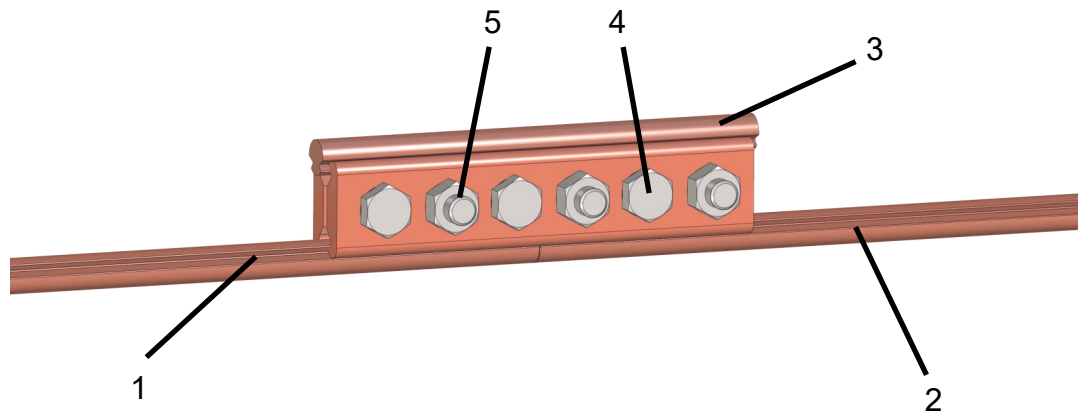


Contact wire splice fitting SK



Splice fitting with piece of contact wire in the upper part.

Tools:

- 1 Metal saw, art. no. 656.000.002
- 1 File
- 1 Wire brush
- 1 Torque wrench 17 mm (50 Nm), art. no. 655.114.000
- 1 Ring spanner 17 mm, art. no. 600.001.029

Installation:

1. Cut both ends of the contact wires [1] and [2] with a metal cutting saw in order to have a rectangular and even cut with a smooth surface.
2. Clean both ends with a wire brush to ensure a proper electrical connection.
3. Place the splice fitting on the two ends of the contact wire [1] [2] so both ends meet exactly in the middle of the splice. Make sure, that the teeth of the splice fit properly in the groove of the contact wire over the full length.
4. Cut a piece of contact wire [3] and insert it upside down into the splice fitting. The contact wire piece must have the same properties as contact wires [1] and [2].
5. Tighten the bolts [4] with a torque of **50 Nm**, beginning from the centre to the outside of the splice.
6. Re-tighten all bolts [4] in the same order two times. This ensures that the splice teeth can properly grip and settle in the contact wire.
7. If the contact wire splice fitting has nuts [5], these must also be tightened with **50 Nm** after tightening the bolts [4]. When tightening the counter nuts [5], counter the bolts [4] with a wrench.
8. In case the both contact wires are not worn equally: even out the contact wire plane with a file to get a smooth transition from one contact wire to the other.

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